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Meteorological Observations made at the Apartments of the Royal Society, LONDON, *by the Assistant Secretary,* Mr. Roberton; *by* Mr. Thompson, *at the Garden of the Horticultural Society at* CHISWICK, *near London; by* Mr. Veall, *at* BOSTON; *by the* Rev. W. Dunbar, *at Applegarth Manse,* DUMFRIES-SHIRE; *and by the* Rev. C. Clouston, *at Sandwick Manse,* ORKNEY.

Days of Month.	Barometer.								Thermometer.										Wind.					Rain.					Dew-point.	
	London: Roy. Soc. 9 a.m.	Chiswick.		Boston. 8½ a.m.	Dumfries-shire.		Orkney, Sandwick.		London: R.S.			Chiswick.		Boston. 8½ a.m.	Dumf.-shire.		Orkney, Sandwick.		London: R.S. 9 a.m.	Chiswick. 1 p.m.	Boston.	Dumfries-shire.	Orkney, Sandwick.	London: R.S. 9 a.m.	Chiswick.	Boston.	Dumfries-shire.	Orkney, Sandwick.	Lond. R.S. 9 a.m.	
1843. April.		Max.	Min.		9 a.m.	9 p.m.	9½ a.m.	8½ p.m.	Fahr. 9 a.m.	Self-reg. Mx.	Self-reg. Mn.	Max.	Min.		Max.	Min.	9½ a.m.	8½ p.m.												
1.	29·540	29·500	29·481	29·03	29·17	29·08	29·27	29·16	51·3	58·0	49·6	59	50	51	52	43	42	43½	s.	sw.	calm	sw.	e.	·102	·18	·34	.....	·10	48	
2.	29·510	29·649	29·452	28·98	29·20	29·25	29·21	29·32	54·7	59·0	51·3	59	48	51	53	43	48	45	s.	sw.	calm	s.		·141	·05	·11	.....	·07	50	
3.	29·840	29·798	29·572	29·22	29·50	29·50	29·48	29·60	56·3	60·2	50·8	61	46	51·5	56	45	48	43	sw var	sw.	w.	w.		·052	·22	·08	.....	.....	50	
4.	29·396	29·553	29·305	28·96	29·21	29·20	29·52	29·52	51·3	61·3	49·0	57	41	49	56	42	47	43	s.	s.	calm	s.	se.	·263	·23	·10	.....	.....	50	
5.	29·764	29·917	29·702	29·17	29·30	29·70	29·64	29·74	49·8	56·3	43·7	56	38	48	54	41½	41½	41½	sw.	w.	w.	w.	se.	·283	·02	·66	.....	·02	47	
6.	29·870	29·843	29·646	29·36	29·45	29·30	29·47	29·33	51·3	57·2	45·0	55	51	47	53	36½	41½	40½	s.	sw.	w.	s.	s.	·058	·01	.....	.....	·17	47	
☽ 7.	29·586	29·563	29·436	28·95	29·23	29·12	29·15	29·12	53·6	56·8	50·2	62	44	52·5	52	41	48	44½	s.	sw.	calm	sw.	s.	.....	·35	·05	1·37	.....	52	
8.	29·612	29·573	29·544	28·90	29·09	29·50	29·36	29·68	51·0	61·7	47·6	59	39	51	54	38	42	36½	s.	w.	w.	nnw.	nne.	·450	·01	.....	.....	·41	48	
9.	29·636	29·703	29·598	29·25	29·62	29·70	29·74	29·77	44·9	58·6	44·8	47	32	43	47	35	36	34	ne.	e.	calm	nne.	n.	.....	.....	·12	.....	·06	47	
10.	29·938	29·921	29·892	29·44	29·78	29·81	29·78	29·80	41·7	48·3	36·4	50	26	40	45	29	36	35	nw.	n.	calm	n.	n.	.....	·01	.....	.....	·16	40	
11.	30·010	29·983	29·971	29·53	29·88	29·88	29·94	29·93	39·5	48·0	35·2	49	22	35·5	44½	26½	32½	31	wnw.	n.	nw.	nw.	nw.	·055	.....	·14	.....	·20	32	
12.	29·970	29·949	29·829	29·59	29·85	29·61	29·75	29·82	39·3	45·7	33·0	48	28	35	46	26	38	33	nw.	ne.	calm	nw.	ne.	.....	·04	.....	.....	·24	35	
13.	29·830	29·983	29·797	29·43	29·82	29·78	29·94	29·56	38·3	45·0	35·0	48	24	39	44½	28	33	33	nw.	n.	n.	n.	nw.	·066	.....	.....	.....	·14	34	
○ 14.	29·914	30·006	29·914	29·40	29·52	29·73	29·44	29·74	44·3	46·0	34·0	51	42	42·5	55	33½	46	45	w.	ne.	w.	w.	w.	.....	.....	·10	.....	·41	35	
15.	30·138	30·108	30·091	29·61	29·89	29·85	29·80	29·83	51·0	53·3	44·0	58	47	51	55	44½	49	46	w.	sw.	calm	sw.	sw.	.....	.....	.....	0·38	·17	43	
16.	29·968	29·992	29·818	29·53	29·80	29·81	29·80	29·91	54·0	57·6	49·2	63	42	51	56	43	48	42½	e.	e.	calm	s.	ssw.	.....	.....	.....	.....	·04	45	
17.	29·964	30·048	29·854	29·40	29·86	29·90	30·03	30·08	52·0	60·3	45·7	65	33	52	60	42	45	42½	n.	ne.	calm	s.	nw.	.....	.....	.....	.....	.....	48	
18.	30·150	30·140	29·980	29·60	29·90	29·88	29·99	29·87	52·7	64·0	45·8	67	35	52	55	38	48½	46½	ne.	e.	calm	s.	se.	.....	.....	.....	.....	.....	42	
19.	29·992	29·959	29·766	29·44	29·81	29·71	29·86	29·89	45·7	62·2	41·8	63	41	53	63½	45	50	43	e.	e.	calm	sse.	n.	.....	.....	.....	.....	.....	45	
20.	29·736	29·778	29·690	29·23	29·60	29·61	29·82	29·73	57·3	60·4	45·8	70	36	54	59	43	43½	41	s.	sw.	calm	e & sw	n.	.....	.....	.....	.....	.....	49	
☾ 21.	29·902	29·849	29·833	29·27	29·67	29·66	29·73	29·76	55·7	67·3	49·3	65	45	58·5	58½	44	47	44½	w.	sw.	calm	sw.	se.	.....	·05	.....	.....	·19	51	
22.	29·876	29·989	29·815	29·25	29·59	29·70	29·80	29·94	54·3	65·6	51·0	59	26	51·5	53½	45½	45	43	ssw.	sw.	calm	sw.	ese.	·050	·03	·06	.....	.....	52	
23.	30·104	30·043	30·025	29·56	29·78	29·85	29·99	29·98	50·3	63·7	42·3	60	28	48	50½	40	43	43	s.	s.	calm	sw.	ese.	·041	.....	·03	1·19	·25	39	
24.	30·060	30·012	29·994	29·50	29·90	29·79	30·00	29·76	50·7	58·6	42·3	60	27	51	58	37	45	43	e.	e.	calm	ssw.	se.	.....	.....	.....	.....	.....	45	
25.	29·774	30·070	29·618	29·28	29·29	29·38	29·27	29·38	47·7	57·0	42·0	56	34	45	52	40½	42	43	sse.	s.	sw.	w.	se.	.....	·30	.....	.....	·29	44	
26.	29·670	29·677	29·626	29·20	29·39	29·51	29·32	29·50	41·3	55·0	38·7	57	34	45	49	34	41	42½	w.	w.	calm	w & n.	nw.	·313	·08	.....	.....	·47	41	
27.	29·856	29·892	29·674	29·37	29·75	29·62	29·76	29·60	45·0	54·0	40·6	60	33	52·5	55	32	47	45	nw.	w.	calm	sw.	se.	·080	.....	·54	.....	·19	41	
28.	29·800	29·779	29·669	29·29	29·45	29·50	29·58	29·57	49·3	54·6	43·2	54	40	47	50	41½	45	43	e.	s.	s.	sw.	se.	.....	·04	.....	.....	·26	43	
● 29.	29·712	29·729	29·677	29·30	29·59	29·79	29·82	30·10	49·8	54·6	45·4	59	43	47	59	37½	46	45	w.	ne.	calm	e.	e.	·033	.....	·06	.....	·21	40	
30.	29·866	29·929	29·784	29·45	29·98	30·13	30·37	30·45	58·8	66·0	48·0	69	49	53	65½	43	48½	45	ne.	e.	calm	ne.	se.	.....	.....	.....	1·60	.....	51	
Mean.	29·833	29·864	29·736	29·31	29·598	29·363	29·687	29·714	49·4	57·9	44·0	58·30	37·47	40·8	53·7	38·6	43·76	41·56						Sum. 1·987,	1·62	1·39	4·54	4·05	Mean. 44	